

NSLS OHSAS Job Risk Assessment

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Name(s) of Risk Team Members: N. Gmür, P. Gross, Y. Koh, L. Miller, W. Morrin, C. Nielson, L. Rogers	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Walking Job Number or Job Identifier: LS-JRA-0038	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Walking within NSLS controlled buildings and outside grounds.	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training and Procedure List (Optional): N/A	Likelihood (D)	Extremely Unlikely <<1x/20yrs	Unlikely 1x/10-20yrs	Possible >1x/10-20yrs	Probable 1x/yr	Multiple >1x/yr
Approved by: W. R. Casey Date: 8/12/2005 Rev. # 1 Revision Log						
Stressors (if applicable, please list all): Inadequate Lighting; Poor walking surface conditions; Adverse weather conditions; Carrying packages/equipment.		Reason for Revision (if applicable):			Comments:	

		Before Controls						After Initial Controls					Control(s) Added to Reduce Risk	After Additional Controls					
Job Step / Task	Hazard	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD		# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Walking in hallways, labs, offices, and other indoor level surfaces	Falls to same level from slips and trips	N	1	5	3	3	45	1	5	2	2	20							

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		Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD		# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD		# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Walking in hallways, labs, offices, and other indoor level surfaces	Falls to same level from slips and trips	Y	1	5	3	4	60	Inspections; antiskid/carpeted mats at entrances to buildings; signs/postings indicating wet areas during cleaning/ maintenance, barriers, clean up spills	1	5	2	3	30							
Using stairs- indoors and outdoors, and entrance stairs	Falls to lower level, trips in upward direction	N	1	5	3	3	45	Adequate lighting, maintenance of walking surfaces; proper footwear; good housekeeping practices; Tier 1 Inspections; signs/postings indicating wet areas during cleaning/maintenance; OSHA compliant stair design, anti-slip applications, snow removal, ice melt application, keeping at least one hand free, remove sunglasses..	1	5	3	2	30							
		Y	1	5	3	4	60		1	5	3	3	45							
Walking on sidewalks and other outdoor paved surfaces	Falls to same level from loss of balance due to uneven surfaces, slips on snow or ice, fall from curbs	N	1	4	3	3	36	Adequate lighting, maintenance of grounds; making paving surfaces smooth, proper footwear; good housekeeping practices; Tier 1 Inspections; non-slip surface coatings, snow removal, ice melt application.	1	4	3	2	24							
		Y	1	4	3	4	48		1	4	3	3	36							

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		Before Controls							After Initial Controls						After Additional Controls					
Job Step / Task	Hazard	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Initial Controls	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Walking on unpaved outdoor surfaces	Falls to same level from loss of balance due to uneven surfaces, hidden holes	N	1	3	3	3	27	Sufficient lighting, grounds maintenance, proper footwear, alternate paths (paved), Tier 1	1	3	3	2	18							
		Y	1	3	3	4	36		1	3	3	3	27							
Using elevators	Falls to same level from trips if door not level, impact from closing gates	N	1	4	2	2	16	Maintenance of elevator, adequate lighting, proper footwear; good housekeeping practices; Tier 1 Inspections; emergency phones in elevators	1	4	2	1	8							
		Y	1	4	2	3	24		1	4	2	2	16							
Crossing streets	Getting struck by a motor vehicle	N	1	4	5	3	60	Use marked & posted cross walks if possible, never assume driver is following rules, wait to see what vehicle does, obey traffic signs, look both ways, walk against the traffic flow if walking on the shoulder of a street	1	4	3	2	24							
		Y	1	4	5	4	80		1	4	3	3	36							
Further Description of Controls Added to Reduce Risk:																				
*Risk:	0 to 20 Negligible	21 to 40 Acceptable				41 to 60 Moderate				61 to 80 Substantial				81 or greater Intolerable						